

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/351,296DATE: 08/24/1999
TIME: 16:13:39

INPUT SET: S33043.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

#2 1/2

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: SEIDEL, Christoph
6 WEINHUES-THELEN, Ursula-Henrike
7 SCHMITT, Urban
8 JUNG, Gnther-Gerhard
9 IHLENFELDT, HANS-Georg
10 KRAAS, Wolfgang
11
12 (ii) TITLE OF INVENTION: Method for serological typing using
13 type-specific antigens
14
15 (iii) NUMBER OF SEQUENCES: 46
16
17 (iv) CORRESPONDENCE ADDRESS:
18 (A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
19 (B) STREET: 655 Fifteenth Street N.W. Suite 330
20 (C) CITY: Washington
21 (D) STATE: D.C.
22 (E) COUNTRY: U.S.A.
23 (F) ZIP: 20005-5701
24
25 (v) COMPUTER READABLE FORM:
26 (A) MEDIUM TYPE: Floppy disk
27 (B) COMPUTER: IBM PC compatible
28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
29 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
30
31 (vi) CURRENT APPLICATION DATA:
32 (A) APPLICATION NUMBER: 09/351,296
33 (B) FILING DATE:
34 (C) CLASSIFICATION:
35
36 (vii) PRIOR APPLICATION DATA:
37 (A) APPLICATION NUMBER: 08/845,926
38 (B) FILING DATE:
39
40 (vii) PRIOR APPLICATION DATA:
41 (A) APPLICATION NUMBER: DE 195 04 302.2
42 (B) FILING DATE: 09-FEB-1995
43
44 (viii) ATTORNEY/AGENT INFORMATION:
45 (A) NAME: Murray, Robert B.
46 (B) REGISTRATION NUMBER: 22,980

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47
48 (ix) TELECOMMUNICATION INFORMATION:
49 (A) TELEPHONE: (202)638-5000
50 (B) TELEFAX: (202)638-4810
51
52
53 (2) INFORMATION FOR SEQ ID NO: 1:
54
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 31 amino acids
57 (B) TYPE: amino acid
58 (C) STRANDEDNESS:
59 (D) TOPOLOGY: linear
60
61 (ii) MOLECULE TYPE: peptide
62
63 (vi) ORIGINAL SOURCE:
64 (A) ORGANISM: Hepatitis C Virus
65
66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
67
68 Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser Gly Phe
69 1 5 10 15
70 Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu Ile
71 20 25 30
72
73
74 (2) INFORMATION FOR SEQ ID NO: 2:
75
76 (i) SEQUENCE CHARACTERISTICS:
77 (A) LENGTH: 31 amino acids
78 (B) TYPE: amino acid
79 (C) STRANDEDNESS:
80 (D) TOPOLOGY: linear
81
82 (ii) MOLECULE TYPE: peptide
83
84 (vi) ORIGINAL SOURCE:
85 (A) ORGANISM: Hepatitis C Virus
86
87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
88
89 Glu Thr His Val Thr Gly Gly Asn Ala Gly Arg Thr Thr Ala Gly Leu
90 1 5 10 15
91
92 Val Gly Leu Leu Thr Pro Gly Ala Lys Gln Asn Ile Gln Leu Ile
93 20 25 30
94
95
96 (2) INFORMATION FOR SEQ ID NO: 3:
97
98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 31 amino acids

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100 (B) TYPE: amino acid
101 (C) STRANDEDNESS:
102 (D) TOPOLOGY: linear
103
104 (ii) MOLECULE TYPE: peptide
105
106 (vi) ORIGINAL SOURCE:
107 (A) ORGANISM: Hepatitis C Virus
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
110
111 His Thr Arg Val Thr Gly Gly Val Gln Gly His Val Thr Ser Thr Leu
112 1 5 10 15
113
114 Thr Ser Leu Phe Arg Pro Gly Ala Ser Gln Lys Ile Gln Leu Val
115 20 25 30
116
117
118 (2) INFORMATION FOR SEQ ID NO: 4:
119
120 (i) SEQUENCE CHARACTERISTICS:
121 (A) LENGTH: 31 amino acids
122 (B) TYPE: amino acid
123 (C) STRANDEDNESS:
124 (D) TOPOLOGY: linear
125
126 (ii) MOLECULE TYPE: peptide
127
128 (vi) ORIGINAL SOURCE:
129 (A) ORGANISM: Hepatitis C Virus
130
131
132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
133
134 His Thr His Val Thr Gly Gly Arg Val Ala Ser Ser Thr Gln Ser Leu
135 1 5 10 15
136
137 Val Ser Trp Leu Ser Gln Gly Pro Ser Gln Lys Ile Gln Leu Val
138 20 25 30
139
140
141 (2) INFORMATION FOR SEQ ID NO: 5:
142
143 (i) SEQUENCE CHARACTERISTICS:
144 (A) LENGTH: 31 amino acids
145 (B) TYPE: amino acid
146 (C) STRANDEDNESS:
147 (D) TOPOLOGY: linear
148
149 (ii) MOLECULE TYPE: peptide
150
151 (vi) ORIGINAL SOURCE:
152 (A) ORGANISM: Hepatitis C Virus

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153
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
155
156 Asp Thr His Val Thr Gly Gly Ala Gln Ala Lys Thr Thr Asn Arg Leu
157 1 5 10 15
158
159 Val Ser Met Phe Ala Ser Gly Pro Ser Gln Lys Ile Gln Leu Ile
160 20 25 30
161
162
163 (2) INFORMATION FOR SEQ ID NO: 6:
164
165 (i) SEQUENCE CHARACTERISTICS:
166 (A) LENGTH: 31 amino acids
167 (B) TYPE: amino acid
168 (C) STRANDEDNESS:
169 (D) TOPOLOGY: linear
170
171 (ii) MOLECULE TYPE: peptide
172
173 (vi) ORIGINAL SOURCE:
174 (A) ORGANISM: Hepatitis C Virus
175
176
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
178
179 Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser Gly Phe
180 1 5 10 15
181
182 Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu Ile
183 20 25 30
184
185
186 (2) INFORMATION FOR SEQ ID NO: 7:
187
188 (i) SEQUENCE CHARACTERISTICS:
189 (A) LENGTH: 31 amino acids
190 (B) TYPE: amino acid
191 (C) STRANDEDNESS:
192 (D) TOPOLOGY: linear
193
194 (ii) MOLECULE TYPE: peptide
195
196 (vi) ORIGINAL SOURCE:
197 (A) ORGANISM: Hepatitis C Virus
198
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
200
201 Gln Thr His Thr Val Gly Gly Ser Thr Ala His Asn Ala Arg Thr Leu
202 1 5 10 15
203
204 Thr Gly Met Phe Ser Leu Gly Ala Arg Gln Lys Ile Gln Leu Ile
205 20 25 30

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206

207

208 (2) INFORMATION FOR SEQ ID NO: 8:

209

210 (i) SEQUENCE CHARACTERISTICS:

211 (A) LENGTH: 31 amino acids

212 (B) TYPE: amino acid

213 (C) STRANDEDNESS:

214 (D) TOPOLOGY: linear

215

216 (ii) MOLECULE TYPE: peptide

217

218 (vi) ORIGINAL SOURCE:

219 (A) ORGANISM: Hepatitis C Virus

220

221

222 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

223

224 Thr Thr Tyr Ser Ser Gly Gln Glu Ala Gly Arg Thr Val Ala Gly Phe

225 1 5 10 15

226

227 Ala Gly Leu Phe Thr Thr Gly Ala Lys Gln Asn Leu Tyr Leu Ile

228 20 25 30

229

230

231 (2) INFORMATION FOR SEQ ID NO: 9:

232

233 (i) SEQUENCE CHARACTERISTICS:

234 (A) LENGTH: 31 amino acids

235 (B) TYPE: amino acid

236 (C) STRANDEDNESS:

237 (D) TOPOLOGY: linear

238

239 (ii) MOLECULE TYPE: peptide

240

241 (vi) ORIGINAL SOURCE:

242 (A) ORGANISM: Hepatitis C Virus

243

244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

245

246 Ser Thr Gln Val Thr Gly Gly Gln Ala Ala His Thr Val Arg Gly Val

247 1 5 10 15

248

249 Ala Ser Ile Phe Ser Pro Gly Ser Arg Gln Asp Ile Ser Leu Ile

250 20 25 30

251

252

253 (2) INFORMATION FOR SEQ ID NO: 10:

254

255 (i) SEQUENCE CHARACTERISTICS:

256 (A) LENGTH: 31 amino acids

257 (B) TYPE: amino acid

258 (C) STRANDEDNESS:

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/351,296

DATE: 08/24/1999
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INPUT SET: S33043.raw

Line

Error

Original Text

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION *US/09/351,296*

DATE: 08/24/1999
TIME: 16:13:41

INPUT SET: S33043.raw

< < THERE ARE NO ITEMS MISSING > >

PAGE: 1

SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/09/351,296

DATE: 08/24/1999
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INPUT SET: S33043.raw

Line

Original Text

Corrected Text